

Applicants: Ridwan Shabsigh  
Serial No.: 10/658,991  
Filed: September 9, 2003  
Page 3

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1-8. (Canceled)

9. (Previously Presented) A method for increasing or maintaining the blood supply in the penis of a subject which method comprises introducing a nucleic acid comprising a gene encoding a vascular endothelial growth factor into a suitable cell in the subject's penis under conditions permitting the expression of the vascular endothelial growth factor encoded by the introduced nucleic acid in the cell so as to thereby increase or maintain the blood supply in the subject's penis.

10. (Previously Presented) The method of claim 9, wherein the nucleic acid is contained within a vector.

11. (Canceled)

12. (New) The method of claim 9, wherein the subject is human.

13. (New) The method of claim 9, wherein the vascular endothelial growth factor is VEGF-A 205/206, VEGF-A 188/189, VEGF-A 164/165, VEGF-A 144/145, VEGF-A 120/121, or VEGF-A 110.

Applicants: Ridwan Shabsigh  
Serial No.: 10/658,991  
Filed: September 9, 2003  
Page 4

14. (New) A method for increasing the amount of vascular endothelial growth factor in the penis of a subject which method comprises introducing a nucleic acid comprising a gene encoding a vascular endothelial growth factor into a suitable cell in the subject's penis under conditions permitting the expression of the vascular endothelial growth factor encoded by the introduced nucleic acid in the cell, thereby increasing the amount of vascular endothelial growth factor in the penis of the subject.
15. (New) The method of claim 14, wherein the nucleic acid is contained within a vector.
16. (New) The method of claim 14, wherein the subject is human.
17. (New) The method of claim 14, wherein the vascular endothelial growth factor is VEGF-A 205/206, VEGF-A 188/189, VEGF-A 164/165, VEGF-A 144/145, VEGF-A 120/121, or VEGF-A 110.
18. (New) A method for treating erectile dysfunction in a subject so afflicted which method comprises introducing a nucleic acid comprising a gene encoding a vascular endothelial growth factor into a suitable cell in the subject's penis under conditions permitting the expression of the vascular endothelial growth factor encoded by the introduced nucleic acid in the cell, thereby treating erectile dysfunction in the subject.
19. (New) The method of claim 18, wherein the nucleic acid is

Applicants: Ridwan Shabsigh  
Serial No.: 10/658,991  
Filed: September 9, 2003  
Page 5

contained within a vector.

20. (New) The method of claim 18, wherein the subject is human.

21. (New) The method of claim 18, wherein the wherein the vascular endothelial growth factor is VEGF-A 205/206, VEGF-A 188/189, VEGF-A 164/165, VEGF-A 144/145, VEGF-A 120/121, or VEGF-A 110.